

1 **What Is Claimed Is**

2 1. A telescopic support including a tube, an elongated element inserted
3 in the tube and formed with a series of ratchets, and a driving and
4 locking device including:

- 5 □ a locking element including a jaw formed with at least one ratchet
6 and being pivotally installed on the tube;
- 7 □ a spring provided between the tube and the locking element for
8 biasing the ratchet of the locking element into engagement with
9 the ratchets of the elongated element; and
- 10 □ a driving element including a jaw formed with at least one ratchet,
11 wherein the driving element can be pivoted on the tube in a
12 direction so as to engage the ratchet thereof with the ratchets of
13 the elongated element and in an opposite direction so as to
14 disengage the ratchet thereof from the ratchets of the elongated
15 element and pivot the locking element for disengaging the ratchet
16 of the locking element from the ratchets of the elongated element.

17 2. The telescopic support of claim 1 wherein the elongated element
18 cannot be drew back into the external tube when the ratchet of the
19 locking element is engaged with the ratchets of the elongated element.

20 3. The telescopic support of claim 1 wherein the elongated element
21 cannot be extended from the external tube when the ratchet of the
22 locking element is engaged with the ratchets of the elongated element.

23 4. The telescopic support of claim 1 further including a spring provided
24 between the tube and the driving element for biasing the ratchet of the
25 driving element from the ratchets of the elongated element.

26 5. The telescopic support of claim 1 wherein the locking element

- 1 includes a lever extending from the jaw thereof.
- 2 6. The telescopic support of claim 1 wherein the driving element
3 includes a lever extending from the jaw thereof.
- 4 7. The telescopic support of claim 1 wherein the locking element
5 includes a lever extending from the jaw thereof, and the driving
6 element includes a lever extending from the jaw thereof, and the lever
7 of the driving element can contact the lever of the locking element.
- 8 8. The telescopic support of claim 7 wherein the lever of the driving
9 element is formed with a convex portion for contact with the lever of
10 the locking element.
- 11 9. The telescopic support of claim 1 wherein the driving and locking
12 device includes a frame on which the locking element and the driving
13 element are mounted.
- 14 10. A telescopic support including a tube, an elongated element inserted
15 in the tube and formed with a series of ratchets, and a driving and
16 locking device with two sets each including:
- 17 □ a locking element including a jaw formed with at least one ratchet
18 and being pivotally installed on the tube;
- 19 □ a spring provided between the tube and the locking element for
20 biasing the ratchet of the locking element into engagement with
21 the ratchets of the elongated element; and
- 22 □ a driving element including a jaw formed with at least one ratchet,
23 wherein the driving element can be pivoted on the tube in a
24 direction so as to engage the ratchet thereof with the ratchets of
25 the elongated element and in an opposite direction so as to
26 disengage the ratchet thereof from the ratchets of the elongated

1 element and pivot the locking element for disengaging the ratchet
2 of the locking element from the ratchets of the elongated element.

3 11. The telescopic support of claim 10 wherein the elongated element
4 cannot be drew back into the external tube when the ratchet of the
5 locking element is engaged with the ratchets of the elongated element.

6 12. The telescopic support of claim 10 wherein the elongated element
7 cannot be extended from the external tube when the ratchet of the
8 locking element is engaged with the ratchets of the elongated element.

9 13. The telescopic support of claim 10 further including a spring provided
10 between the tube and the driving element for biasing the ratchet of the
11 driving element from the ratchets of the elongated element.

12 14. The telescopic support of claim 10 wherein the locking element
13 includes a lever extending from the jaw thereof.

14 15. The telescopic support of claim 10 wherein the driving element
15 includes a lever extending from the jaw thereof.

16 16. The telescopic support of claim 10 wherein the locking element
17 includes a lever extending from the jaw thereof, and the driving
18 element includes a lever extending from the jaw thereof, and the lever
19 of the driving element can contact the lever of the locking element.

20 17. The telescopic support of claim 16 wherein the lever of the driving
21 element is formed with a convex portion for contact with the lever of
22 the locking element.

23 18. The telescopic support of claim 10 wherein the driving and locking
24 device includes a frame on which the locking element and the driving
25 element of each of the sets are mounted.

26 19. The telescopic support of claim 18 wherein the driving and locking

1 device includes a pinion pivotally installed on the frame, and each of
2 the sets includes a rack extending from the locking element for
3 engagement with the pinion.
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